

Amendments to the Abstract:

Please amend the Abstract of the Disclosure as submitted herewith on a separate unnumbered page.

ABSTRACT OF THE DISCLOSURE

The invention relates to In a method and apparatus for automatic address allocation [[by]] among control appliances (3-6) devices connected to a bus system [(1)] in a vehicle, and address allocation period means of transport, where the control appliances (3-6) interchange data using transmission/reception units (10) via a common data bus line (2), and the control appliances (3-6) simultaneously access the data sent using the common data bus line (2). The invention also relates to a bus system (1) for carrying out the method. The object of the present invention is to provide a method and a bus system which optimizes the automatic address allocation in a bus system with a common data line. To this end, a period of address allocation is started by means of sending a message on the common data bus line (2). After that, the message is taken as a basis, in the period of During the address allocation period, for electrically breaking the common data bus line [(2)] is broken into individual subsections by virtue of respective isolating means in each of the control appliances (4-6) which are to be addressed using a respective isolating means (9) for the purpose of electrically breaking the common data bus line (2). In addition, the control appliances (4-6) devices which are to be addressed place their respective transmission unit [(10)] at a transmission potential.